

PT Lab

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5th	1	To study CNC lathe trainer and its components	http://vlabs.iitkgp.ac.in/psac/newlabs2020/vlabiitkgpAM/exp2/index.html#
	2	To prepare a job on a lathe having various operations viz. drilling, boring, taper turning, thread cutting, knurling, etc.	https://youtu.be/km6ickQgIVY https://youtu.be/moLG7ScejpU
	3	To cut external threads on a lathe and practice thread measurements.	https://youtu.be/wvYQdi68074 https://youtu.be/V7kjinmgXeZQ
	4	To prepare a useful product containing different types of welded joints using simple arc/TIG/MIG welding set.	https://youtu.be/0enRXbhZW6U https://youtu.be/NIOihxByeus
	5	To cut V Groove/ dovetail / Rectangular groove using a shaper	https://youtu.be/WwjpX9qxFN0 https://youtu.be/77ukOn1yrvo
	6	To demonstrate surface milling /slot milling	https://youtu.be/GRL9Pf7STSM https://youtu.be/MqJjVWq2qSk
	7	To cut gear teeth on milling machine using dividing head.	https://youtu.be/eR2LUpXrDM https://youtu.be/aM8xEJugw-c
	8	Study of linear, angular measuring devices and to measure the linear and angular dimensions using various equipment's.	https://www.youtube.com/watch?v=H2LWbdhzoFk